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CENTRAL INTELLIGENCE AGENCY

REPORT NO. [REDACTED]

INTELLIFAX 5

INFORMATION REPORT

COUNTRY Czechoslovakia

CD NO.

25X1A

25X1

SUBJECT Prototype of Heavy Tank Built by Skoda
and CKD

DATE DISTR. 12 April 1951

NO. OF PAGES 1 [REDACTED]

PLACE ACQUIRED [REDACTED]

NO. OF ENCLS.
(LISTED BELOW)

25X1A

25X1A

DATE OF ACQUIRED [REDACTED]

25X1X

SUPPLEMENT TO
REPORT NO. [REDACTED]

25X1

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25X1 [REDACTED]

SOURCE [REDACTED]

25X1X

In 1948 the construction of a 46-ton tank to be powered by a 1,000 h.p. engine was contemplated. A prototype of this tank was to be built by the Skoda Works in collaboration with the Ceskomoravska Kolben Danek (CKD) plant under the guidance of the Military Technical Institute (VTU). The engine built by Skoda for the tank was to be a 24 cylinder, x-type engine, cooled by means of a ventilator to each of the four banks of cylinders.

2. The chief CKD designer working on the tank prototype was Ing. Surin, a Russian emigre, about 50 years old, married and living in Prague-Bulovka. Although not a Communist, he cooperates with them. Surin is considered to be the foremost tank designer in the Communist-dominated part of the world.

Attachment: Sketch of the cooling system of the 24 cylinder Skoda tank engine.

CLASSIFICATION

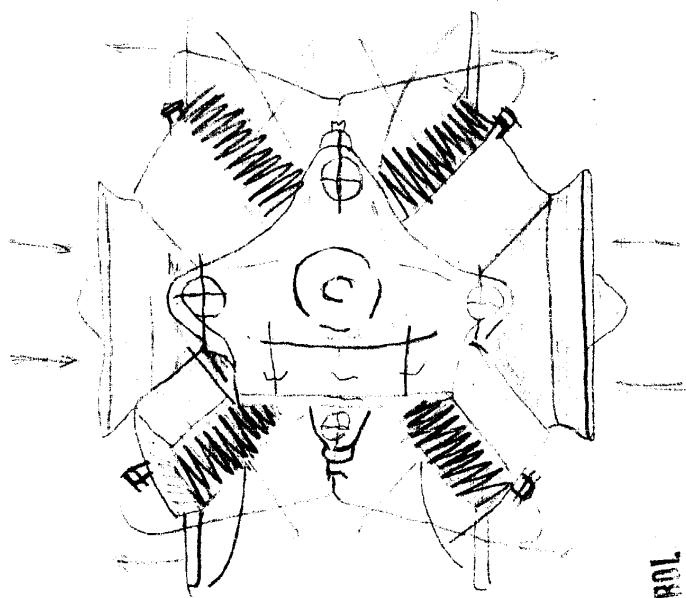
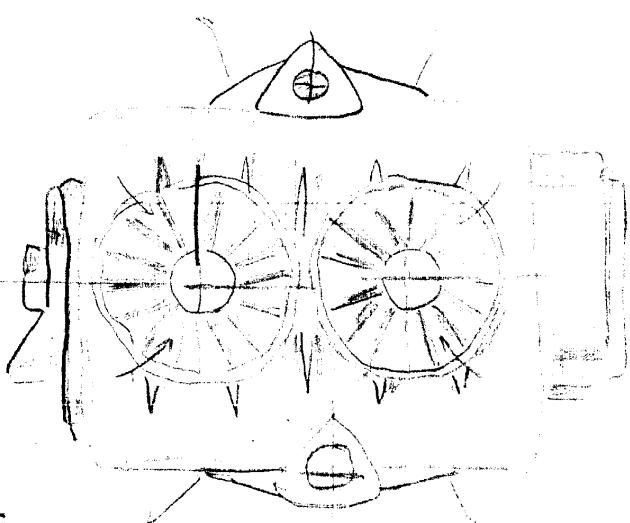
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25X1A

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Cooling System of the 24 Cylinder Skoda Tank Engine

SECRET CONTROL
REF ID: A6512

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CENTRAL INTELLIGENCE AGENCY

REPORT NO.

25X1A

INFORMATION REPORT

CD NO.

COUNTRY Germany (Russian Zone)

DATE DISTR. 11 April 1951

SUBJECT Radio Installations at Plauen-
Oberneundorf

NO. OF PAGES 1

25X1C

PLACE
ACQUIREDNO. OF ENCLS. 9 Annexes *
(LISTED BELOW)

25X1C

DATE OF
INFO. SUPPLEMENT TO 25X1A
REPORT NO.

25X1X

1. A series of photographs was taken of the radio installations with four masts at Plauen-Oberneundorf between [REDACTED] *. During the reported 25X1A period only the eastern installation was in operation. A thick cable led from this radio installation, which was always heated, to the Artillerie Kaserne. The radio truck which was previously there was no longer seen. The installation was guarded at night.
2. The rod antenna of the radio truck parked in a corner of the barracks yard had been extended so that its top was on a level with the rain gutter of the billets. The observation post on the partly destroyed building was occupied day and night.
3. Only the windows on the second floor of the building, which quartered a signal 25X1B unit, were lighted. Only soldiers of older age groups belonged to this unit, which according to a German worker, was in the strength of 60 men. Training was not observed. [REDACTED] The commanding officer [REDACTED] [REDACTED] were identified with this unit. Their drivers wore red-bordered black epaulets.

25X1B
25X1B

25X1A

25X1A

* [REDACTED] Comment. For photographs, and diagrams of the radio installations, see Annexes I through 9. The existence of the radio installation near Plauen was known previously. See [REDACTED]. The photographs indicate that all three radio installations are of the same type. They probably are "cock DF stations". This assumption is supported by the fact that the antenna masts were not interconnected and that the roof of the cabin in the middle of the masts was fitted with auxiliary antenna as used for soring. It is not known whether the IF stations determined the DF data optically or acoustically. The following items showing on the photographs are noteworthy: The antennae are fitted with leads extending from the middle of the mast to the DF receiver (apparently H-system); the antenna masts are standing on insulators; the diagonal between the antenna masts is equal to the length of these masts, i.e. about 9 meters. It is believed that the DF stations are operated by a radio intercept station of a Soviet Army unit.

9 Annexes: three blueprints (sketches) and six photographs (Annexes to Army, Air and Navy only).

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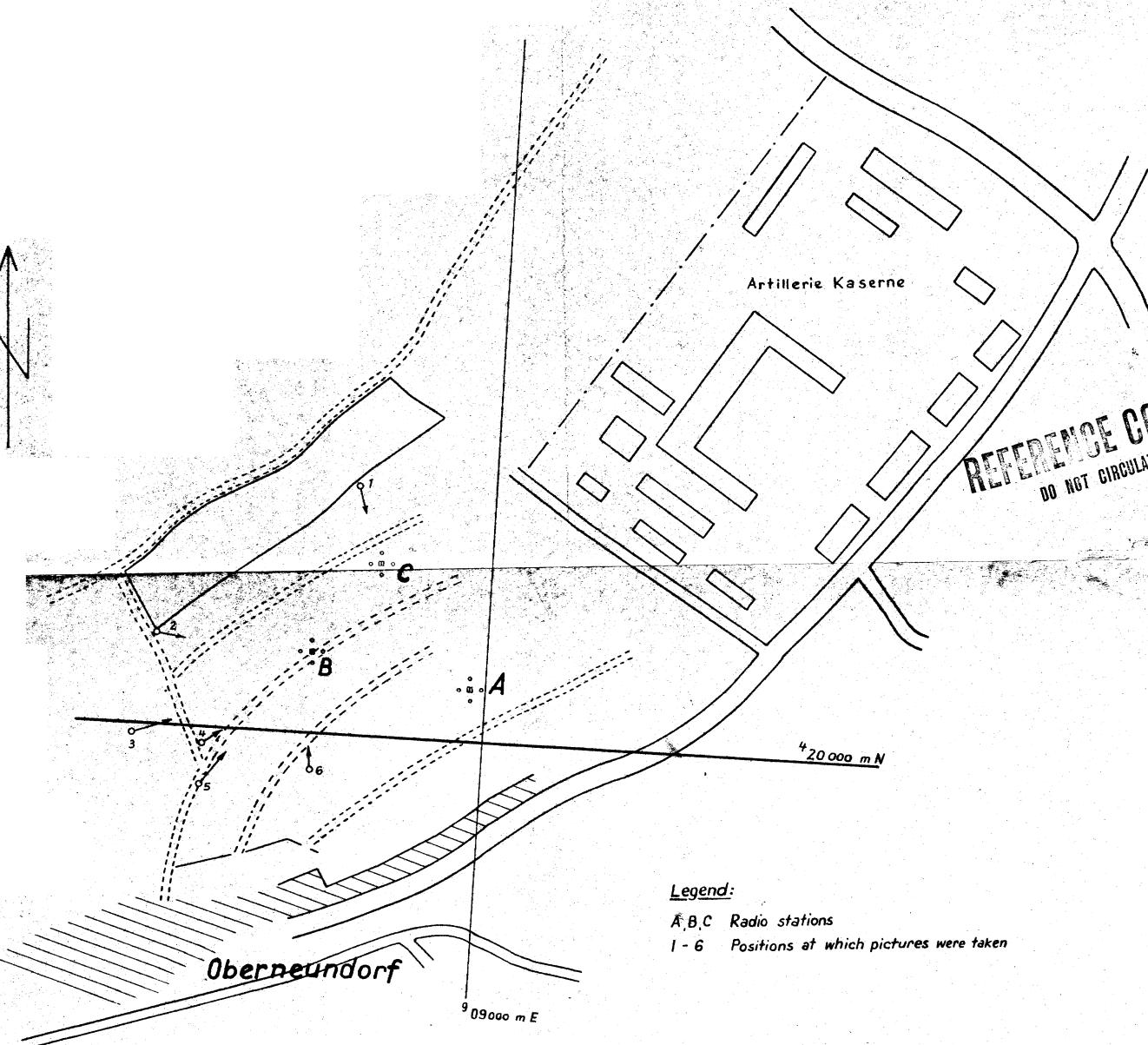
Soviet Radio Stations at Plauen-Oberneundorf

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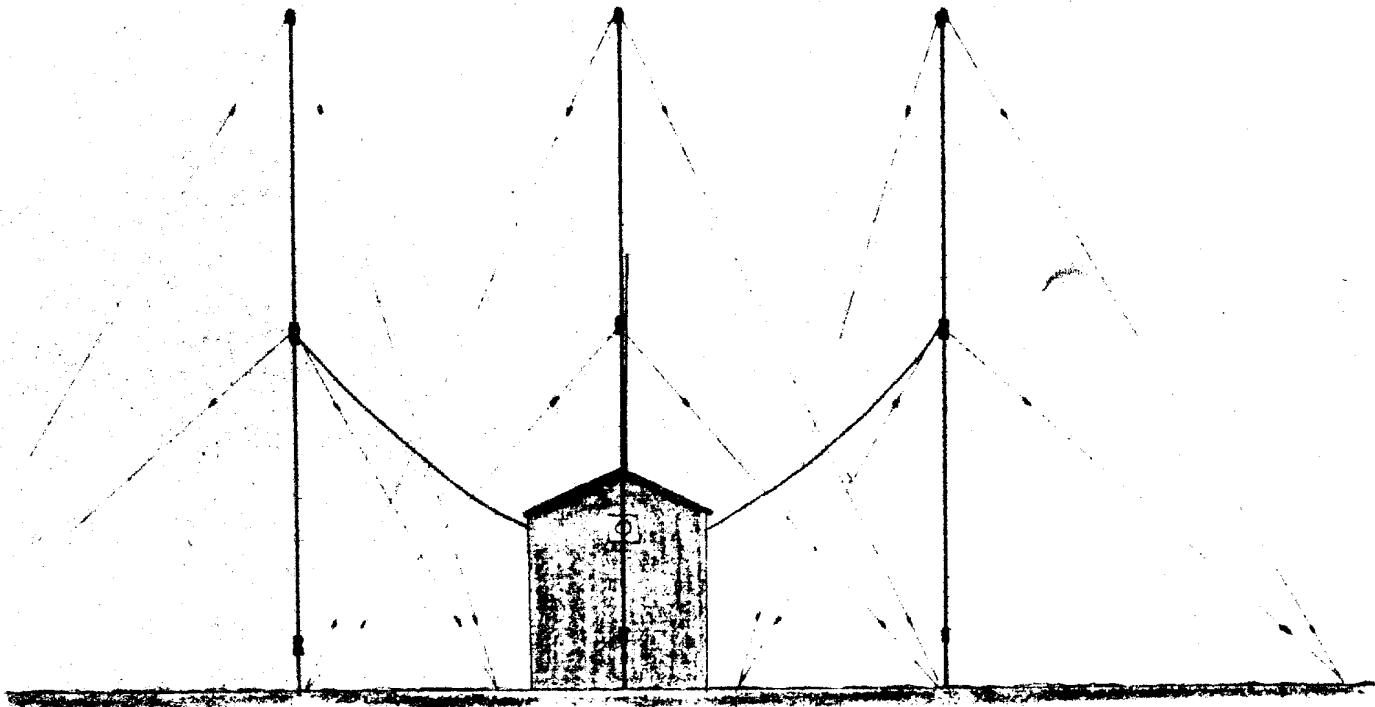
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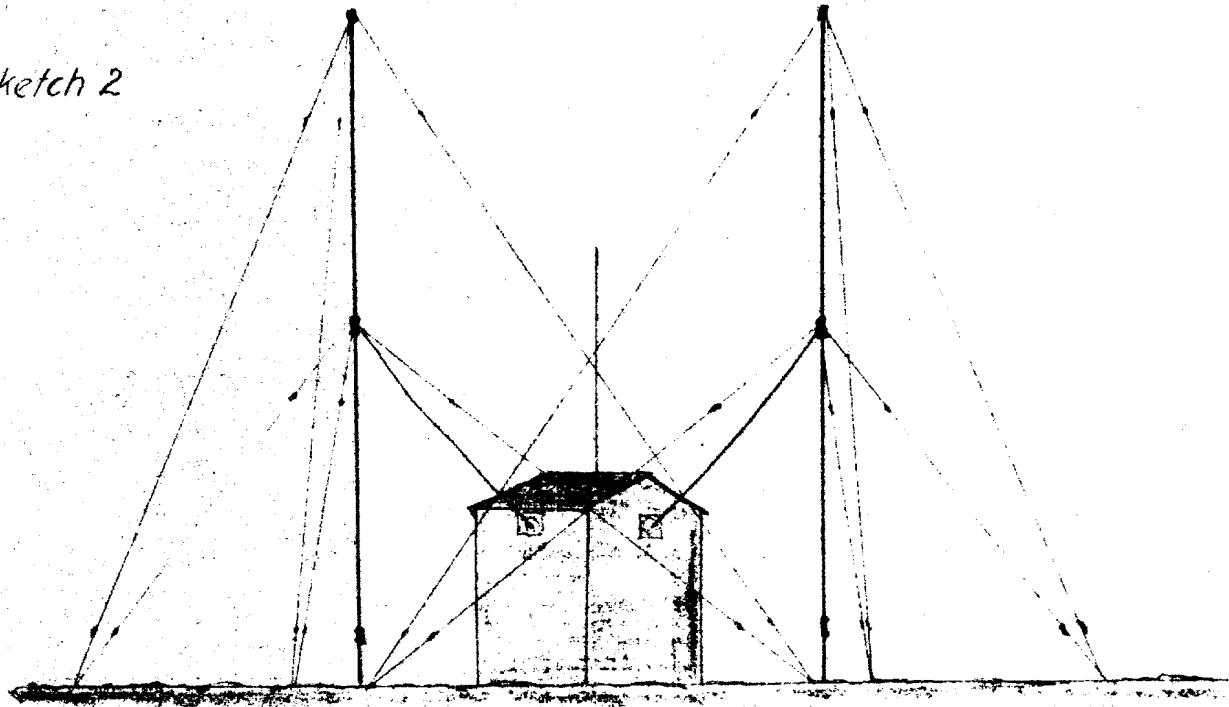
Annex 2

SECRET CONTROLSide View of Radio Station ~~U. S. OFFICIALS ONLY~~

sketch 1



sketch 2

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Annex 3

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Layout of a Radio Station at Plauen-Oberneundorf.

